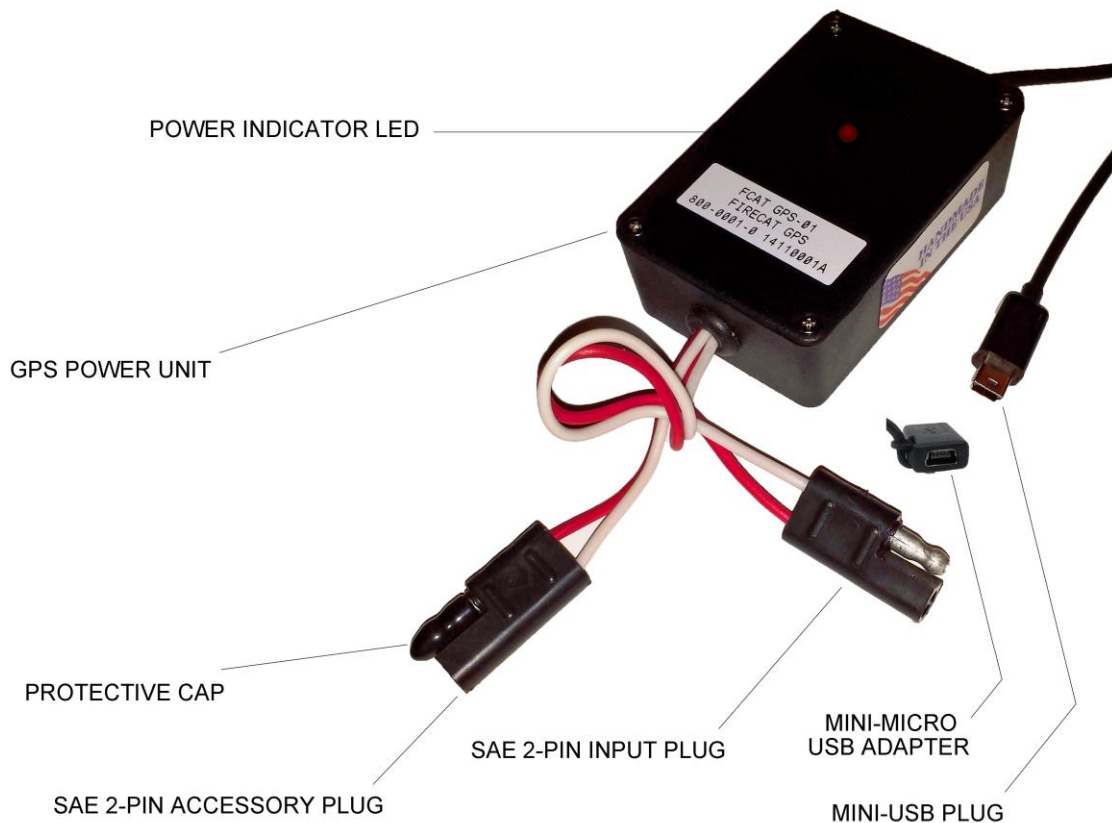


Model GPS-01 INSTALLATION AND OPERATING INSTRUCTIONS



PARTS LIST

quantity	description
1	Firecat GPS Power Unit p/n #800-0001-0
4	Cable Ties
1	mini to micro USB adapter (styles vary)
1	installation guide
1	Tube of Silicon Dielectric Grease

Tool / Material LIST (not provided)

T27 Torx bit
Isopropyl alcohol / swab

These instructions are for the installation of the CyBurg Technologies Model GPS-01 in an Arctic Cat Firecat snowmobile. Installation in other snowmobiles or vehicles will have similar installation concepts but will vary depending on the model and design.

Attach the included mini-to-micro USB adapter when using to charge a micro-USB port equipped cell phone.



Verify ignition is OFF and, if equipped, the battery is disconnected before performing installation.

Installation:

1. Open the hood. Swing the belt cover out of the way. The power accessory plug is a two-pin plug with yellow/brown wires located along the steering column behind the dashboard. It can be buried pretty deep in the wire harness. The plug can be viewed behind the servo motor. Better access is provided if the servo motor is removed from the dash board using a T27 Torx to remove the two retaining bolts.
2. Remove any protective dummy plug or existing accessory from the accessory plug. To lubricate and seal the connectors, apply silicon dielectric grease (supplied) to the contacts and connector housing. Attach the longer of the two Power Module power plugs into the snowmobile accessory plug.
3. If needed, remove the protective black plastic cap and attach any existing accessories (helmet shield heater, digital gauges, etc.) to the shorter SAE 2-pin plug.
4. Clean the area of any grease or dirt behind the dash using isopropyl rubbing alcohol. Remove backing from the double sided tape on the back of the Power Module and mount the unit to the back of the dashboard near the steering column. Use cable ties as needed to dress and secure any loose wires.





5. Route and secure the USB Cable along the steering column and handle bars to the GPS unit. Bundle any extra USB cable with a cable tie behind the dash. **DO NOT PLUG THE USB CONNECTOR INTO GPS UNIT AT THIS TIME.**
6. Start the snowmobile and verify the red +5V indicator light is lit on the power unit. If not, turn off snowmobile, check connections and verify there is AC power available to the accessory plug.
7. Start the snowmobile, plug the mini-USB plug into the GPS unit. The GPS should display an AC plug symbol indicating it is operating on AC power. When you turn off the snowmobile, the GPS unit will prompt if you want to turn off, or switch to battery power.
8. Setup the GPS unit: Depending on your GPS Mounting hardware, engine vibration can cause the electronic compass to swing erratically. **For Garmin Oregon:** Disable the electronic compass by - (Setup>Heading>Compass>Off). Since the GPS unit is operating on snowmobile power, you can turn off the Backlight timeout (Setup>Display>Backlight Timeout>Stays On). **For Magellan eXplorist:** Access the Settings Menu > Tap on the Sensors button > Tap the Electronic compass drop-down menu and select "OFF".

NOTES:

In the case of a short circuit, the internal resettable fuse will trip. The short must be removed, and the unit allowed to cool down before resuming operation.

Although designed to operate at very low-idle speeds, it is possible, depending on electrical loading, for the idle speed to be too low to generate enough power to run the GPS. If the GPS unit power switches on/off erratically, you may have to adjust your idle speed a little higher.

When using as a phone charger, avoid damage to the cell-phone connector by dressing and securing USB cables/adapters to avoid any strain on the connector

The Power Module will not charge NiCad or NiMH batteries that may be installed in the GPS unit.

CyBurg Technologies, LLC.
Limited Warranty

What This Warranty Covers

This warranty covers substantial defects in materials and workmanship in your new GPS Power Unit for 90 days from date of purchase.

What This Warranty Does Not Cover

This warranty does not cover any problems which result from improper installation, installation in unapproved snowmobiles or GPS units, abuse, accidents, or acts of God, such as hurricanes or floods. Cut or damaged cables are indication of improper installation. CyBurg Technologies DOES NOT PROVIDE ANY OTHER WARRANTIES OF ANY KIND, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OR CONDITIONS OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. SOME JURISDICTIONS DO NOT ALLOW THE LIMITATION OF IMPLIED WARRANTIES, SO THIS LIMITATION MAY NOT APPLY TO YOU. CyBurg Technologies is not responsible for returning to you product which is not covered by this limited warranty.

How Long The Warranty Lasts

The coverage of this warranty lasts for 90 days from date of purchase. A valid proof of purchase may be required to prove eligibility. If you do not have a valid proof of purchase, the limited warranty period will be measured from the date of manufacture.

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